

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Dept. of Health & Human Services
Div. Environmental Health, 11 SHS
(207) 287-2070 FAX (207) 287-4172

PROPERTY LOCATION		>> CAUTION: LPI APPROVAL REQUIRED <<	
City, Town, or Plantation	LAMOINE	Town/City	Lamoine Permit # 1905
Street or Road	LYDIAS WAY	Date Permit Issued	6-17-18 Fee \$ 265 Double Fee Charged ()
Subdivision, Lot #		Local Plumbing Inspector Signature	<i>[Signature]</i> L.P.I. # 394
OWNER/APPLICANT INFORMATION		The Subsurface Wastewater Disposal System shall not be installed until a Permit is issued by the Local Plumbing Inspector. The Permit shall authorize the owner or installer to install the disposal system in accordance with the application and the Maine Subsurface Wastewater Disposal Rules.	
Name (last, first, MI)	STRAUSS, ROBERT <input checked="" type="checkbox"/> Owner <input type="checkbox"/> Applicant	Fee: \$ _____ state min. fee \$ _____ Locally adopted fee	
Mailing Address of <input type="checkbox"/> Owner <input checked="" type="checkbox"/> Applicant	MIKE WIGHT BROUGHMAN BUILDERS 6 ACADIA WAY ELLSWORTH, ME. 04605	Copy: <input type="checkbox"/> Owner <input type="checkbox"/> Town <input checked="" type="checkbox"/> State	
Daytime Tel. #		Municipal Tax Map # 5 Lot # 14-15	
OWNER OR APPLICANT STATEMENT I state and acknowledge that the information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Department and/or Local Plumbing Inspector to deny a permit. <i>[Signature]</i> 6/25/18 Signature of Owner or Applicant Date		CAUTION: INSPECTION REQUIRED I have inspected the installation authorized above and found it to be in compliance with Subsurface Wastewater Disposal Rules Application. (1st Date Approved) Local Plumbing Inspector Signature (2nd Date Approved)	

PERMIT INFORMATION

TYPE OF APPLICATION	THIS APPLICATION REQUIRES	DISPOSAL SYSTEM COMPONENT(S)
<input checked="" type="checkbox"/> 1. First Time System <input type="checkbox"/> 2. Replacement System Type Replaced: _____ Year Installed: _____ <input type="checkbox"/> 3. Expanded System <input type="checkbox"/> a. Minor Expansion <25% <input type="checkbox"/> b. Major Expansion ≥ 25% <input type="checkbox"/> 4. Experimental System <input type="checkbox"/> 5. Seasonal Conversion	<input checked="" type="checkbox"/> 1. No Rule Variance <input type="checkbox"/> 2. First Time System Variance <input type="checkbox"/> a. Local Plumbing Inspector Approval <input type="checkbox"/> b. State & Local Plumbing Inspector Approval <input type="checkbox"/> 3. Replacement System Variance <input type="checkbox"/> a. Local Plumbing Inspector Approval <input type="checkbox"/> b. State & Local Plumbing Inspector Approval <input type="checkbox"/> 4. Minimum Lot Size Variance <input type="checkbox"/> 5. Seasonal Conversion Permit	<input checked="" type="checkbox"/> 1. Complete Non-engineered System <input type="checkbox"/> 2. Primitive System (graywater & alt. toilet) <input type="checkbox"/> 3. Alternative Toilet, specify: _____ <input type="checkbox"/> 4. Non-engineered Treatment Tank (only) <input type="checkbox"/> 5. Holding Tank, _____ gallons <input type="checkbox"/> 6. Non-engineered Disposal Field (only) <input type="checkbox"/> 7. Separated Laundry System <input type="checkbox"/> 8. Complete Engineered System (2000 gpd or more) <input type="checkbox"/> 9. Engineered Treatment Tank (only) <input type="checkbox"/> 10. Engineered Disposal Field (only) <input type="checkbox"/> 11. Pre-treatment, specify: _____ <input type="checkbox"/> 12. Miscellaneous components
SIZE OF PROPERTY _____ sq. ft. <input type="checkbox"/> 2± acres <input checked="" type="checkbox"/>	DISPOSAL SYSTEM TO SERVE <input checked="" type="checkbox"/> 1. Single Family Dwelling Unit, No. of Bedrooms: 3 <input type="checkbox"/> 2. Multiple Family Dwelling, No. of Units: _____ <input type="checkbox"/> 3. Other: (SPECIFY) _____	TYPE OF WATER SUPPLY <input checked="" type="checkbox"/> Proposed <input type="checkbox"/> Existing <input checked="" type="checkbox"/> 1. Drilled Well <input type="checkbox"/> 2. Dug Well <input type="checkbox"/> 3. Private <input type="checkbox"/> 4. Public <input type="checkbox"/> 5. Other: _____
SHORELAND ZONING <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Current Use: <input type="checkbox"/> Seasonal <input type="checkbox"/> Year Round <input checked="" type="checkbox"/> Undeveloped	

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK	DISPOSAL FIELD TYPE & SIZE	GARBAGE DISPOSAL UNIT	DESIGN FLOW
<input checked="" type="checkbox"/> 1. Concrete <input type="checkbox"/> a. Regular <input type="checkbox"/> b. Low Profile <input type="checkbox"/> c. with lift station <input type="checkbox"/> 2. Plastic <input type="checkbox"/> 3. Other: _____ CAPACITY 1000 gallons	<input checked="" type="checkbox"/> 1. Stone Bed <input type="checkbox"/> 2. Stone Trench <input type="checkbox"/> 3. Proprietary Device _____ <input type="checkbox"/> a. Cluster Array <input type="checkbox"/> c. Linear <input type="checkbox"/> b. Regular load <input type="checkbox"/> d. H-20 load <input type="checkbox"/> 4. Other: _____ SIZE 900 sq. ft. <input type="checkbox"/> lin. ft.	<input checked="" type="checkbox"/> 1. No <input type="checkbox"/> 2. Yes <input type="checkbox"/> 3. Maybe If Yes or Maybe, specify one below: <input type="checkbox"/> a. Multi-compartment Tank <input type="checkbox"/> b. _____ Tanks in Series <input type="checkbox"/> c. Increase in Tank Capacity <input type="checkbox"/> d. Filter on Tank Outlet	270 gallons per day BASED ON <input checked="" type="checkbox"/> 1. Table 4A (dwelling unit(s)) <input type="checkbox"/> 2. Table 4C (other facilities) SHOW CALCULATIONS for other facilities
SOIL DATA & DESIGN CLASS PROFILE CONDITION 3 / C at Observation Hole # 2 Depth 22" OF MOST LIMITING SOIL FACTOR	DISPOSAL FIELD SIZING <input type="checkbox"/> 1. Medium - 2.6 sq. ft./gpd <input checked="" type="checkbox"/> 2. Medium-Large - 3.3 sq. ft./gpd <input type="checkbox"/> 3. Large - 4.1 sq. ft./gpd <input type="checkbox"/> 4. Extra Large - 5.0 sq. ft./gpd	EFFLUENT/EJECTOR PUMP <input type="checkbox"/> 1. Not Required <input type="checkbox"/> 2. May be Required <input type="checkbox"/> 3. Required Specify only for engineered systems DOSE: _____ gallons	<input type="checkbox"/> 3. Section 4G (meter readings) ATTACH WATER METER DATA LATITUDE AND LONGITUDE at center of disposal area Lat. 44° 29' 01.1" N Lon. 68° 16' 53.1" W if g.p.s., state margin of error 3.0'

SITE EVALUATOR STATEMENT

I certify that on 6-14-18 (date) I completed a site evaluation on this property and state that the data reported are accurate and that the proposed system is in compliance with the State of Maine Subsurface Wastewater Disposal Rules (10-144A CMR 241).

<i>[Signature]</i> Site Evaluator Signature WILLIAM A. LaBELLE, JR.	319 SE# (207) 537-5900 Telephone Number	6-17-18 Date labelleseptic@rivah.net E-mail Address
Site Evaluator Name Printed		

Note: Changes to or deviations from the design should be confirmed with the Site Evaluator.

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Town, City, Plantation
LAMOINE

Street, Road, Subdivision
LYDIAS WAY

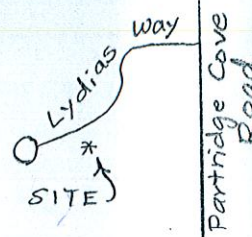
Owner or Applicant Name
ROBERT STRAUSS

SITE PLAN

Scale 1" = 40 Ft.

(SEE ATTACHED SITE PLAN)

SITE LOCATION PLAN
(Attach map from Maine Atlas
for First Time System Variance)



SOIL PROFILE DESCRIPTION AND CLASSIFICATION (Location of Observation Holes Shown Above or on pg. 2A)

Observation Hole #1 ☒ Test Pit ☐ Boring
3 " Depth of organic horizon above mineral soil

Texture	Consistency	Color	Mottling
FINE		VERY DARK GRAYISH BROWN (10YR 3/2)	
SANDY			
LOAM	FRIABLE	DARK	
TO		YELLOWISH	N.E.
LOAMY		BROWN	
FINE			
SAND	FIRM	(10YR 4/6)	

DEPTH BELOW MINERAL SOIL SURFACE (inches)

Soil Profile	Classification Condition	Slope	Limiting Factor Depth	<input type="checkbox"/> Ground Water <input checked="" type="checkbox"/> Restrictive Layer <input type="checkbox"/> Bedrock <input type="checkbox"/> Pit Depth
<u>3</u>	<u>C</u>	<u>9 1/2%</u>	<u>26"</u>	

Observation Hole #2 ☒ Test Pit ☐ Boring
3 " Depth of organic horizon above mineral soil

Texture	Consistency	Color	Mottling
FINE		VERY DARK GRAY BROWN (10YR 3/2)	
SANDY			
LOAM	FRIABLE	DARK	
TO		YELLOWISH BROWN (10YR 4/6)	N.E.
LOAMY		OLIVE	
GRAVELLY		BROWN	
SAND	FIRM	(2.5Y 4/4)	

DEPTH BELOW MINERAL SOIL SURFACE (inches)

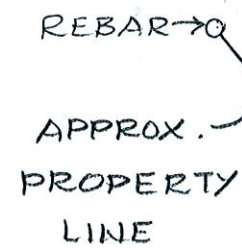
Soil Profile	Classification Condition	Slope	Limiting Factor Depth	<input type="checkbox"/> Ground Water <input checked="" type="checkbox"/> Restrictive Layer <input type="checkbox"/> Bedrock <input type="checkbox"/> Pit Depth
<u>3</u>	<u>C</u>	<u>9 1/2%</u>	<u>22"</u>	

W.C. L.
Site Evaluator's Signature

319
S. E. #

6-17-18
Date

MAGNETIC
NORTH



WELL

PROPOSED 1000 GAL.
SEPTIC TANK

6-17-18
Date

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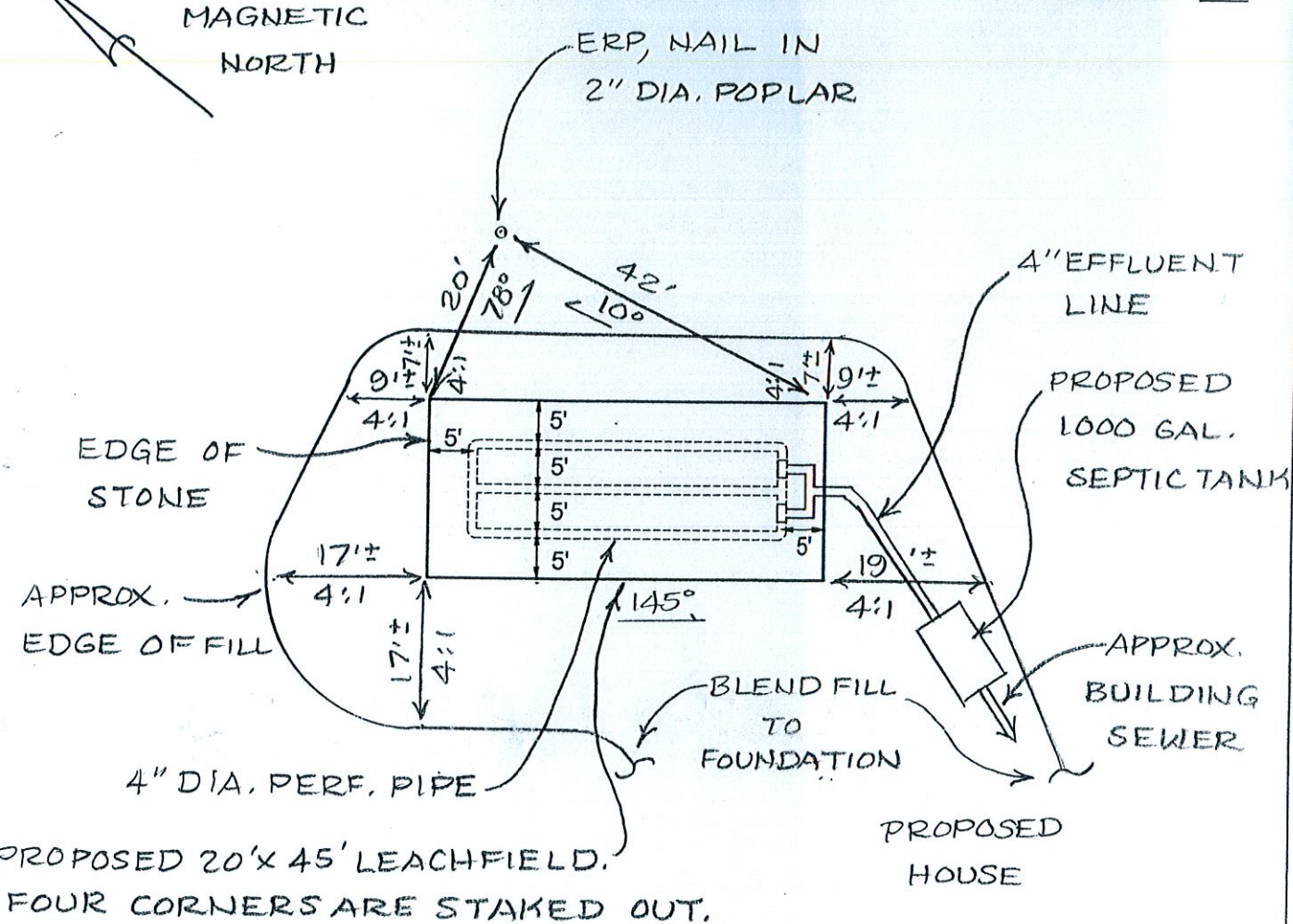
Town, City, Plantation
LAMOINE

Street, Road, Subdivision
LYDIAS WAY

Owner or Applicant Name
ROBERT STRAUSS

SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE: 1" = 20 FT.



FILL REQUIREMENTS	CONSTRUCTION ELEVATIONS	SYSTEM:	PRIVY:	ELEVATION REFERENCE POINT
Depth of Backfill (Upslope) 18"	Finished Grade Elevation MIN. -39"			Location & Description NAIL 27"
Depth of Backfill (Downslope) 41"-48 1/4"	Top of Distribution Pipe or Proprietary Device -49"	N/A		ABOVE GROUND IN 2" DIA. POPLAR.
Depths @ cross-section shown below or on X-sec. detail.	Bottom of Disposal Field -60"			Reference Elevation is: 0"

DISPOSAL AREA CROSS SECTION (SEE ATTACHED CROSS SECTION)

NOTES:

1. Tank(s) must be 8' minimum from building.
2. Grade surrounding area to divert surface water away from system.
3. Well to be 51' minimum from septic tank(s) and 100' minimum from disposal field.
4. All work done adjacent to wetlands and water bodies must be done in compliance with section 12 of the Subsurface Wastewater Disposal Rules. Erosion and sediment control measures must be in accordance with the March 2003 edition of the Maine DEP Handbook "Maine Erosion and Sediment Control BMPS" (DEPW0588).
5. Install septic tank(s) risers 18" in diameter "minimum" to within 6" of finished grade on inlet, cleanout and outlet covers (recommend extending risers to finish grade).
6. Full basement below grade foundation or frost wall must be 20' minimum from edge of disposal field and no full basement, slab, columns or posts must be 15' minimum from edge of disposal field.

Site Evaluator's Signature

319
S.E. #

6-17-18
Date

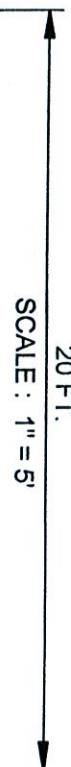
20' X 45' BED

DISPOSAL BED CROSS SECTION

(A)

20 FT.

SCALE : 1" = 5'



NOTE:
GRADE UPSLOPE TO DIVERT
SURFACE WATER AWAY FROM
SYSTEM AND HOUSE,

FILL MATERIAL SHALL BE 8"-12" THICK
OVER STONE AND SHALL BE GRAVELLY
COARSE SAND TO THE STANDARDS IN
SEC. 11-E IN THE SUBSURFACE RULES.

TOP 4" OF FILL TO BE A GOOD LOAM
SOIL MIX TO ESTABLISH A GOOD
VEGETATIVE COVER, SEED
AND MULCH TO PREVENT EROSION,
11-G.

2" COMPRESSED HAY (OR FILTER FABRIC) SEC. 11-F
RECOMMENDED OVER STONE.

BLEND FILL TO FOUNDATION

4" PERF. PIPE,
TYPICAL

30%

PROPOSED
FOUNDATION

EXISTING GRADE

--- LIMITING FACTOR

22"

48 1/4" FILL

19" FILL

4" CUT

REMOVE VEGETATION AND SCARIFY
ORIGINAL SOIL UNDER ENTIRE FILL AREA.
SEC. 11-B.

BOTTOM OF STONE MUST BE
LEVEL WITH MAXIMUM GRADE
TOLERANCE OF 2" PER 100'.

12" CLEAN STONE,
(1 1/2" DIA.),
UNIFORM SIZE.

THOROUGHLY MIX, DISK OR ROTO-TILL
CLEAN, COARSE, SHARP SAND INTO
TOP 6 INCHES OF ORIGINAL SOIL TO
CREATE A TRANSITION ZONE, SEC. 11-B.

ELEVATIONS:

ELEV. REF. PT. (ERP): -39" MIN.

FINISHED GRADE: -49"

TOP OF DISTRIBUTION PIPE: -60"

BOTTOM OF STONE:

OWNER: ROBERT STRAUSS
LOCATION: LAMOINE

NOTE:

SYSTEM MUST BE INSTALLED ACCORDING
TO THE RULES AND PRACTICES SET FORTH
IN THE MOST CURRENT VERSION OF THE
STATE OF MAINE SUBSURFACE WASTEWATER
DISPOSAL RULES. INSTALLATION CONTRACTOR
MUST BE FAMILIAR WITH SAID RULES AND
CONSTRUCT SYSTEM IN FULL COMPLIANCE
WITH SECTION 11 OF SAID RULES.

DOC17

WILLIAM A. LABELLE, JR.

S.E.#

319

DATE

6-17-18